

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2005/009572

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 F21V19/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F21V

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/48606 A (3M INNOVATIVE PROPERTIES COMPANY; LEA, MICHAEL C; WRIGHT, JOHN C; HICK) 20 June 2002 (2002-06-20) page 5, line 1 - line 21 page 6, line 5 - line 12 page 11, line 31 - page 12, line 6 figures 1-8	1,3,5,7, 9,10
Y		8
A		4,6
X	US 2004/012763 A1 (YU CHUAN-PEI ET AL) 22 January 2004 (2004-01-22) page 1, paragraph 17 - paragraph 18 page 1, paragraph 20 figures 5B,5C,5F,5G	1,2,5,7, 10
A		4,6
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

24 June 2005

Date of mailing of the international search report

04/07/2005

Name and mailing address of the ISA  
European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Lange, C

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2004/001282 A (SAMSUNG ELECTRONICS CO., LTD; LEE, JEONG-HWAN; PARK, JONG-DAE; KIM, YO) 31 December 2003 (2003-12-31) page 5, line 15 - line 27 figures 1,2,5-10	1,2,4,7, 10
A	-----	5,6
X	DE 299 19 897 U1 (HENNINGER, THOMAS) 27 April 2000 (2000-04-27) page 2, line 9 - line 18 page 4, line 1 - line 3 figures 1a,1b,2a,3a,3b	1,2,5,7, 10
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Y	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 07, 3 July 2002 (2002-07-03) -& JP 2002 072202 A (FUJITSU LTD), 12 March 2002 (2002-03-12) abstract	8
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Information on patent family members

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